

INTERNATIONAL SEARCH REPORT

International Application No
PCT/ZA 03/00185

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J31/18 B01J31/24 C07C2/36 C07C11/107

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/04119 A (WASS DUNCAN FRANK ; BP CHEM INT LTD (GB)) 17 January 2002 (2002-01-17) claims	1-70
X	CHEMICAL COMMUNICATION, vol. 2002, no. 8, 20 March 2002 (2002-03-20), pages 858-859, XP000227709 cited in the application compound 2, table 1	1-70
A	US 5 856 610 A (HINO TAKAHIRO ET AL) 5 January 1999 (1999-01-05) claims	1-70

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

19 April 2004

Date of mailing of the international search report

03/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 2004, no. 126, 15 January 2004 (2004-01-15), pages 1304-1305, XP002277218	1-70

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 0204119	A 17-01-2002	AU BG BR CA EG EP WO JP NO SK US	6774301 A 107539 A 0112470 A 2412990 A1 22912 A 1299189 A1 0204119 A1 2004502527 T 20030108 A 172003 A3 2003166456 A1	21-01-2002 30-09-2003 29-07-2003 17-01-2002 30-10-2003 09-04-2003 17-01-2002 29-01-2004 13-02-2003 11-09-2003 04-09-2003
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